



May 28, 1976

*Paul Dirks
Office
18 May 76*

MEMORANDUM FOR: Director of Central Intelligence

FROM :

Office of the Assistant to the Director

SUBJECT : Background Information for your speech to the Armed Forces Communications and Electronics Association, June 9, 1976.

Attached is the information you requested dealing with the importance of technology to intelligence and on the role of communications in intelligence. This was largely written by Les Dirks, who could, of course, expand it should you wish more. Also attached is a copy of the statement you sent to Signal Magazine, which is sponsored by this Association. You might also wish to draw on that.

If you wish additional text or a more formal statement prepared, I will be happy to help.

STATINTL

Paul Dirks

Technical Collection

The production of quality intelligence at all levels, most especially at the national level, depends on the collection of quality information to support and feed the analytical process. Over the past ten to fifteen years, the collection of this information has been transformed. The more traditional human sources of information on many of the most critical intelligence problems have been increasingly difficult to come by. Human sources remain important -- and in many areas are essential -- but new means of collecting information were required.

In response, an activity known as technical collection has evolved. That means using technology, frequently in the most sophisticated state-of-the-art forms, to collect and process essential data. Technical collection has had the greatest impact on key military intelligence problems, such as determining the characteristics, capabilities, and deployment of weapon systems, which themselves are based on advancing and sophisticated technology.

The first, and in many ways the most dramatic example of a system to emerge from the harnessing of technology to the ends of intelligence collection, was the U-2 program. In the mid and late 50's, the U-2 was a unique aircraft in terms of its performance, the camera systems it carried, and the information it collected. For many reasons, not the least of which is sophisticated air defense, the U-2 is no longer a useful platform.

But as the U-2 began to lose its effectiveness, other systems came along to fill the gap and dramatically to expand the capability and applications of technical intelligence collection. Each new initiative in this broad and tremendously important area has been driven by changing needs and advancing technology. In many cases unique technology was developed specifically to meet evolving intelligence requirements. Today technical collection systems represent a large portion of the total national intelligence resources both in terms of capabilities and dollars.

Intelligence and Communications

Today the national intelligence program deals in large quantities of detailed information and data of all sorts. To handle immense quantities of information we need capable and dependable communications systems. Further, the U.S. intelligence establishment is a worldwide establishment. There are facilities and components in various parts of the world. They must be linked together and to Washington 24 hours a day, 7 days a week. They must meet extreme challenges in terms of capacity and quality, and we must keep a sharp eye on efficiency and cost.

Over the years the unique communications needs of intelligence have been satisfied in many ways, from the simplest, most pedestrian means, such as conventional mails and telegraph networks, through the most sophisticated and specialized means technology can support. The CIA and other parts of the intelligence community have been pacesetters in improving U.S. government communications worldwide.

I am pleased and honored to contribute to this convention issue of SIGNAL magazine. In my first months as Director of Central Intelligence, I have come to realize how advancing technology has affected and will affect the way the Intelligence Community does its job.

Data flow and data management are two critical concerns of the Intelligence Community. It does not require an extensive technical background to realize the role that advances in computer technology can play in future intelligence production. Computer networking, mass memories, and rapid access to large data bases will offer new technology to all intelligence analysts. This new technology will improve analyst-to-analyst communication and will improve the quality and timeliness of the intelligence product.

There will be a need to assimilate these new data-handling techniques in the Intelligence Community as well as a need to apply an aggressive systems integration effort if we are to reap all the benefits of advanced data processing. I am sure that in the next decade all of these advances will significantly enhance the effectiveness of the Intelligence Community. It will be one of management's important challenges to anticipate these advances and to ensure that the gains they promise are utilized to the fullest extent.

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FORM NO. 1-67 237 Use previous editions (40)

EXECUTIVE REGISTRY FILE

Paul A. [Signature]

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Remarks: <div style="display: flex; align-items: flex-start;"> <div style="width: 20%; text-align: center;">[Redacted]</div> <div style="width: 80%;"> <p style="font-size: 1.2em; margin: 0;">This is a good one, I think. Hope DCI can do. I'll get more Scheduling details for you if he'll be able to do.</p> </div> </div> <div style="text-align: right; margin-top: 10px;">[Redacted]</div>			
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FORM NO.
1-67

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Use previous editions

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Executive Registry

76-2227

12 May 1976

STATINTL

MEMORANDUM FOR: [REDACTED]

Executive Assistant to the DCI

FROM

: Angus MacLean Thuermer
Assistant to the Director

SUBJECT

: Armed Forces Communication and Electronic
Association Convention Banquet

[REDACTED] U.S.A. (retired) has invited the DCI to be the guest speaker at the Armed Forces Communication and Electronic Association 30th Anniversary Convention Banquet on June 9. This will be a black tie affair at the Sheraton Park Hotel. [REDACTED] anticipates an audience of anywhere from 1,000 to 1,200. Top people in the communications, computer, electronic, and command and control industries will be present at the convention.

[REDACTED] says that there are 250 corporation members of the association. They are the top national security firms such as AT&T, Boeing, Westinghouse, E-Systems, Hughes, Martin-Marrietta, Western Electric, etc.

A gold medal for distinguished service is awarded each year to the guest speaker.

This looks like a good opportunity to get across a message. [REDACTED] says the speech will be replayed in their journal. The DCI may recall we put together a small piece on intelligence for their journal in his name recently. I recommend that the DCI take this one on if he can.

[REDACTED] says Bill Baroody of the White House can tell [REDACTED] about this outfit if DCI wishes.

STATINTL

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TO: Angus Thuermer		5/18
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FROM:		
ROOM NO.	ENSION	

FORM NO. 241
1 FEB 55REPLACES FORM 36-8
WHICH MAY BE USED.

(47)

STAT

~~CONFIDENTIAL~~DCI PUBLIC APPEARANCE

Event: Armed Forces Communication and Electronic Association
Convention Banquet

Place: Sheraton Park Hotel, Washington, D. C.

Date: June 9, 1976

Time: 7:00 p.m. cocktails in the Dover Room -- 8:00 p.m.
banquet speaker in the Sheraton Hall

Speaking from Text Yes No

Need Press Office Help
to Prepare Text Yes ✓ No

Hand Out Text NO

Limited Release NO

Embargoed Release NO

Want Press Office to Attend Yes ✓ No

Press Conference Yes No ✓

Need Press Office Help
to Set Up Press Conference Yes No ✓

Special Press Assistance Required some notion of computer - comm
as important to Intelligence

Comments

15 minutes maximum -
Theme: need for intelligence capability 2nd to now

Travel Arrangements

"Black Tie"

Picture and bio ~~have been~~ ^{were} mailed
on May 17th.

25X1

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SUSPENSE

Date

Remarks:

STATINTL

Executive Secretary

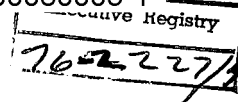
Date

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6/8/76

NOTE FOR: The Director

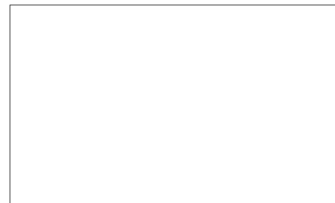
FROM :

OA/DCI

STATINTL

Herewith a draft for your speech at the Armed Forces Communications and Electronics Association dinner on June 9. If you could return it to us, with your changes, we can retype it on the 9th and have it ready by close of business. We will provide you with ten copies to take along, unless you feel you might need more.

STATINTL



(EXECUTIVE REGISTRY FILE)

Public Affairs

Executive Registry
Room 7-E-12
Headquarters



Remarks at

Armed Forces Communications

and Electronics Association

by

George Bush

Director of Central Intelligence

9 June 1976

Ladies and Gentlemen:

It is a pleasure for me to be here with you this evening. I want to talk with you about the Central Intelligence Agency and the intelligence community and to share with you my perceptions and experiences since I became Director of Central Intelligence.

I must confess that when I was off in China, the whole intelligence community and the welter of charges and allegations about it seemed very remote and unreal to me. Many of you have heard and read so much conflicting information about intelligence that you must wonder just what it all means.

Let me say first off, that I have learned that the intelligence community is one of the biggest assets we have in defending America's security. The community itself is diverse, and its range of talents and capabilities is absolutely unique.

Many of you think of intelligence and perhaps think only of the CIA and James Bondian spy adventures. Well, there are indeed some exciting adventures to be told -- but most of the Agency's work is the far less exciting task of gathering information, sifting facts, and attempting to develop an accurate picture of events and trends abroad.

Others of you may think of intelligence only in connection with the excesses of the past. Indeed, there were some mistakes and some bad judgments, and there were also a lot of charges made that weren't true. The mistakes were rooted out and stopped by the intelligence community itself well before they were publicly revealed. And I can assure you that we are taking every possible precaution to ensure that such abuses never occur again.

Such perceptions of the intelligence profession reflect only a small part of what we do. I said that the intelligence community is truly a national asset. Let me give you an example of one of its activities that may be of particular interest to this group -- technical intelligence collection.

The main mission of foreign intelligence is to produce quality intelligence for the use of our policy-makers so that they can determine policies with the best possible information and judgment we can give them. Obviously, producing quality intelligence depends upon collecting quality intelligence to support and feed the analytical process.

Over the past ten to fifteen years, the collection of this kind of information has been transformed. The more traditional human sources of information have been increasingly hard to come by. Human sources -- spies, if

you will -- remain important -- and in many cases essential -- but we had to find new ways to collect information to meet the needs of our increasingly technical problems.

In response to these needs, an activity known as technical collection has evolved. We use technology, frequently in the most sophisticated state-of-the-art forms, to collect and process essential data. This has perhaps had its greatest impact on our ability to solve key military intelligence problems -- such as determining the characteristics, capabilities, and deployment of weapon systems...systems that are themselves based on advancing and sophisticated technology.

The first, and in many ways the most dramatic example of a system to emerge from harnessing technology to the ends of intelligence collection, was the U-2 program. In the mid and late 50s, the U-2 was a unique aircraft in terms of its performance, the camera systems it carried, and the information it collected.

For many reasons, not the least of which is sophisticated air defense, the U-2 is no longer a useful intelligence collector. But as the U-2 began to lose its effectiveness, other systems came along to fill the gap.

These systems have dramatically expanded the capabilities and applications of technical intelligence collection.

In many cases, unique technology has been developed specifically to meet new and changing intelligence requirements. Today technical intelligence collection systems represent a large portion of the total national intelligence resources.

Another part of this national asset that we call the intelligence community is its wealth of highly educated and gifted analysts. Collecting quality information is not the end of the intelligence process. There is a great difference between information and intelligence. If I may cite an example that many of you in this room understand all too well...Pearl Harbor. In the days before the Second World War, the United States had what could be called departmental intelligence. In other words, each department and agency had bits and pieces of information that they carefully controlled. In today's terminology, no one was "getting it together." All of the information that might have led an analyst to conclude that the Japanese intended to attack Pearl Harbor was available in Washington. But it was not in one place for an analyst to study: it was scattered all over town...and therefore it was useless. That was information -- not intelligence.

Intelligence is the result of patient, painstaking work by analysts throughout the intelligence community.

Let me give you a statistic that I think amply demonstrates the kind of training and background our professional employees have: between 1971 and 1975, 51 percent of entering CIA professionals had Bachelor's degrees, 34 percent held Master's, and almost 10 percent had PhD's...and these degrees were conferred by the best schools in the country.

These gifted professionals have achieved success after success:

- American intelligence spotted the Soviet nuclear missiles being delivered to Cuba in 1962 and supported the President as he worked through 13 nightmarish days to force their removal;
- American intelligence gave seven years warning of the development of the Moscow anti-ballistic missile system;
- American intelligence pinpointed eight new Soviet inter-continental ballistic missiles and evaluated the development of each three or more years before it became operational;
- two major new Soviet submarine programs were anticipated well before the first boats slid down the ways;

-- American intelligence has created a collection and analytical capability sufficient to reduce the need for on-site verification for some kinds of strategic arms control agreements that have been concluded with the USSR. The ABM treaty and the interim agreement on offensive weapons of 1972 would have been impossible without these "national technical means of verification" and the relevant analytical capability.

Let me tell you that I am proud of this record, and you should be too. I am proud of the people that compiled it -- and you should be too.

The dedication of the people in the CIA and in the intelligence community as a whole is remarkable. As you probably also know, some individuals both here and abroad have recklessly published the names of hundreds of people whom they claim are CIA employees. Despite the threats, the hazards, and the dangers -- not one Agency employee has asked to be sent home. That is the kind of dedication I am talking about.

Let me conclude by giving you a brief look at where the intelligence community now stands.

Eighteen months of investigations into intelligence, by both the Executive Branch and the Congress, have come to an end. The President has issued an Executive Order

clearly setting forth guidelines specifying what American intelligence can and cannot do. We are following those guidelines to the letter.

The Congress has established a new oversight committee in the Senate. We intend to cooperate fully with that committee and the other Congressional committees that have been designated to oversee the intelligence community.

I believe that one of my principal tasks as Director of Central Intelligence is to restore the faith of the American people in their intelligence service. I believe we can do this by seeing to it that we operate fully within the guidelines established.

But we cannot run an intelligence service in a glass bowl. I am equally committed to ensuring that our intelligence sources and our means of collecting intelligence are not revealed. We must not hide behind a cloak of secrecy. Not everything that has been called secret in the past deserved protection...and I am taking steps to end the overclassification that has plagued the intelligence community. I want the American people to know that when we say something is secret, it really is a secret worthy of protection.

America's intelligence is good. We are working hard to make it even better...and your support is important to us.

Thank you.

7 JUN 1976

DIRECTOR OF CENTRAL INTELLIGENCE

Executive Registry

76-2227/3

STATINTL

For:

I would like to take you up on your offer attached to provide some more for this one.

The attached comments seem appropriate--

Let us assume that much of the audience will not be attuned to intelligence and thus to communications for intelligence.....

This material if partially or fully used is enough on COMMUNICATIONS...

The speech should be:

7 pages double spaced at the most.....

generally could cover the fantastic assets- one of which is communications ability- that is in the intel community and at CIA.....

Tonight I want to talk to you briefly on some of the assets....etc.'
Many of you think CIA and you think spies- a year ago some of you thought only about the excesses of the past etc etc.....because of the flak outside and charges, some true, most untrue, you probably wondered as did I off in China, what is the intel community really like.....

then communications, perhaps our wealth of educated analytical talent...

EXERCISE REGISTRY FILE *Public Affairs*

DIRECTOR OF CENTRAL INTELLIGENCE

our human intelligence side--- spies but a
small part of the collection business....

many educated people.....etc

active legal and inspection staff....

DDS & T.....

end with a comment on where we- stand....

determined to cooperate fully with Congress
equally determined to protect our intel.
secrets. etc....

dedication of CIA and community people I have
met-second to none in the government.....

In sum a kind of short look at the Intelligence
assets talkin some about commun. more about
other subjects.... If we had a an example
of two of the sacrifice and dedication
of our people that would be good too.
Be sure- to give credit to the military
contribution to intelligence.....

THANKS.....

If I could have this before close of business
Tuesday, i can put some work in on it before
wed. night.

Thanx GB

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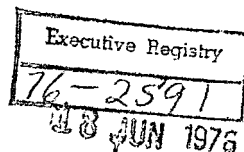
(40)

ILLEGIB

STATINTL

(DISTRICT 1000 THE Public Affairs)

GB -



Saw a 1965 Houston

Post picture today.

Had I known about
it a week ago the
whole A/DCI could have
held you up for
millions!

[redacted] has
gory details!

AT

STATINTL

DCI PUBLIC APPEARANCE

ER No no copy
of base

rec'd 21 June 76

Event: Address Membership of the Comstock Club

Place: Sacramento, California

Date: Monday, November 29, 1976

Time: 12:00 noon to 2:00 p.m.

Speaking from Text

Yes ☒ *

No ☐

Need Press Office Help
to Prepare Text

Yes ☒

No ☐

Hand Out Text ☐

Limited Release ☐

Embargoed Release ☐

Want Press Office to Attend

Yes ☐

No ☐

Press Conference

Yes ☐

No ☐

Need Press Office Help
to Set Up Press Conference

Yes ☐

No ☐

Special Press Assistance Required

Comments

* Discuss before
3 weeks for opto.
cb

Travel Arrangements

25X1

TRANSMITTAL SLIP		DATE
		21 June 1976
TO: Andrew Falkiewicz, EA/DCI		
ROOM NO.	BUILDING	
REMARKS:		
FROM:		EA/DCI
ROOM NO.	BUILDING	EXTENSION
FORM NO. 241 1 FEB 55		
REPLACES FORM 35-8 WHICH MAY BE USED.		
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STATINTL

Approved For Release 2007/12/05 : CIA-RDP79M00467A002700080003-1

TO:	
Andrew Falkiewicz, A/DCI	
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REMARKS:	
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ROOM NO.	EA/DCI EXTENSION

FORM NO. 644

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Approved For Release 2007/12/05 : CIA-RDP79M00467A002700080003-1

76-8294

DCI PUBLIC APPEARANCE

rec'd 21 June 76

Event: Annual Meeting of the Texas Mid-Continent Oil & Gas Assoc.

Place: Hyatt Regency Hotel, Houston, Texas

Date: Friday, October 15, 1976

Time:

Speaking from Text

Yes ☒

No ☐

Need Press Office Help
to Prepare Text

Yes ☐

No ☐

Hand Out Text ☐

Limited Release ☐

Embargoed Release ☐

Want Press Office to Attend

Yes ☐

No ☐

Press Conference

Yes ☐

No ☐

Need Press Office Help
to Set Up Press Conference

Yes ☐

No ☐

Special Press Assistance Required

Comments

** Dis on 23
3 weeks ahead
OS //*

Travel Arrangements

EXECUTIVE REGISTRY FILE

Pub Aff

Contact:

25X1

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14	D/Pers				
15	D/S				
16	DTR				
17	Asst/DCI		✓		
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D/ Executive Secretary

6/24/76

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STATINTL

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Remarks:

3637 (5-76)

Executive Secretary

24 Jun 1979

Date

STATINTL

EXECUTIVE SECRETARY

Paul Aff...

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